

ABSTRACT OF THE DISCLOSURE

Disclosed is a method of treating, fly ash having an unacceptably high concentration of carbon, with ozone produced in situ by corona discharge. This method will allow high carbon-content fly ash to be used with air entrainment agents as an additive to cement. The corona
5 discharge can be produced in the exhaust pipe with a venturi of various combustion systems. The device of this invention can be used in conjunction with a triboelectric carbon-fly ash separation system or in a conventional combustion system. The corona discharge is produced off of sharp-tipped metal devices. A venturi is used in the exhaust pipe in the exhaust pipe in conjunction with the sharp-tipped metal devices.

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